

**DEAL**  
OR  
**NO DEAL**

# UNIVERSITY CHALLENGE

Meet **Dr. Luis Proenza**. Dr. Proenza is President of The University of Akron. His only goal today is to beat the banker. He has 6 cases left on the board. The banker's first 3 offers were not higher than the mean (average). Luis receives the banker's fourth offer.



He decides that if this offer is higher than the mean he will take it. What does he decide?

**Deal or No Deal?**

## Offers

**213,341**

51,987

33,431

32,634

\$ .01	\$ 1,000
\$ 1	\$ 5,000
\$ 5	\$ 10,000
\$ 10	\$ 25,000
\$ 25	\$ 50,000
\$ 50	\$ 75,000
\$ 75	\$ 100,000
\$ 100	\$ 200,000
\$ 200	\$ 300,000
\$ 300	\$ 400,000
\$ 400	\$ 500,000
\$ 500	\$ 750,000
\$ 750	\$ 1,000,000



Meet **Dr. Lester A. Lefton**. Dr. Lefton is the President of Kent State University. He is also determined to beat the banker. Lester ends up with the same 6 cases left on the board. However, he decides that if the banker's next offer is higher than the median he will take it. The banker's first 3 offers were not more than the median. What does he decide?

**Deal or No Deal?**

**Too Easy?**

Try the challenge on the next page.

Data, Analysis and Probability – Grades 5-7 – Benchmark F – Determine and use the range, mean, median, and mode to analyze and compare data, and explain what each one indicates.